

(12) **United States Patent**  
**Ihde**

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(54) **TRAILER WIRING CONNECTOR WITH FINGER PULL HOLE AND METHOD OF MAKING SAME**

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(58) **Field of Classification Search**  
CPC H01R 43/24; H01R 2201/26; H01R 13/6335; B60D 1/64  
See application file for complete search history.

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(57) **ABSTRACT**

A wiring connector for connecting the lighting system wiring of a first vehicle to the lighting system wiring of a second vehicle so that lights on the first vehicle are activated when corresponding lights on the second vehicle are activated. The connector includes a plurality of terminals configured for coupling with corresponding terminals on a mating connector on the second vehicle; a plurality of wires each having one end electrically coupled with one of the terminals and another end for electrically connecting to the wiring of the first vehicle lighting system; a wire-retaining ring; and a housing formed around the terminals, the wires, and the wire-retaining ring, the housing including a central opening within the wire-retaining ring.

**19 Claims, 2 Drawing Sheets**

